

859376

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filled (insert date)

5/20/97

A. ☒ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.

Color drawing not acceptable until portion is grained.

Fig.(s) _____

Pencil and non black ink is not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(h)

Photographs are not acceptable until portion is grained.

3 full-tone sets are required. Fig(s) _____

Photographs not properly mounted (must be on acid board or photographic double-weight paper). Fig(s) _____

Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

Paper not flexible, strong, white and durable.

Fig(s) _____

Erasures, alterations, overwritings, interferences,

folds, copy machine marks not acceptable. (too thin)

Mylar, vellum paper is not acceptable (too thin). Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawings sheets not the same size.

Sheet(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) _____

Top (T) _____ Left (L) _____

Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)

REMARK: Specification may require revision to correspond to drawing changes.

Views connected by projection lines or lead lines.

Fig(s) _____

Partial views. 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity.

Fig(s) _____

Views not labeled separately or properly.

Fig(s) _____

Isolated view not labeled separately or properly.

Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

Hatching not indicated for sectional portions of an object.

Fig(s) _____

Sectional designation should be noted with Arabic or

Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Views do not appear on a horizontal, left-to-right fashion when

page is either upright or turned, so that the top becomes the right

side, except for graphs. Fig(s) _____

Views not on the same plane on drawing sheet. Fig(s) _____

9. SCALE. 37 CFR 1.84(j)

Scale not large enough to show mechanism without crowding

when drawing is reduced in size to two-thirds in reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(k)

Lines, numbers & letters not uniformly thick and well defined,

clean, durable and black (poor line quality). Fig(s) _____

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s) _____

Solid black shading not permitted. Fig(s) _____

Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(n)

Numbers and reference characters not plain and legible.

Fig(s) _____

Figure legends are poor. Fig(s) _____

Numbers and reference characters not oriented in the same

direction as the view. 37 CFR 1.84(p)(3) Fig(s) _____

High alphabets not used. 37 CFR 1.84(p)(3) Fig(s) _____

Numbers, letters and reference characters must be at least

32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(o)

Lead lines cross each other. Fig(s) _____

Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(p)

Sheets not numbered consecutively, and in Arabic numerals

beginning with number 1. Fig(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(q)

Views not numbered consecutively, and in Arabic numerals,

beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s) _____

Solid black shading not used for color contrast.

Fig(s) _____

COMMENTS

7 of 7

REVIEWER

John R. Kitchin

DATE 2/11/99

TELEPHONE NO.

703-305-8855

ATTACHMENT TO PAPER NO.

5/11

PTO COPY

The drawings submitted with this application were declared informal by the applicant. Accordingly they have not been reviewed by a draftsperson at this time. When formal drawings are submitted, the draftsperson will perform a review.

Direct any inquires concerning drawing review to the Drawing Review Branch (703) 305-8404.